HARIPRIYA SOUNDAPPAN
BE Computer Science 2025

Mobile: +91 9566824961 | **Email**: haripriya.soundappan@gmail.com
LinkedIn: https://www.linkedin.com/in/haripriyasoundappan
Git Hub: https://github.com/HaripriyaSoundappan
Address: 38, Kalaingnar Nagar, 3rd Cross, Karungalpatti, Gugai, Salem - 636006, Tamilnadu.

CAREER OBJECTIVE

- Looking for a challenging entry level role in a reputable IT organization to utilize my technical skills for the growth of the organization as well as to enhance my knowledge about new and emerging trends in the IT sector.

EDUCATION

Course	Institution	Board/University	Duration	Percentage
BE (CS)	AVS College of Technology	Anna University	Nov 2021 - May 2025	8.41 CGPA
HSS	Municipal Girls Higher Secondary School	State Board	Apr 2021	86.57%
SSLC	Municipal Girls Higher Secondary School	State Board	Apr 2019	81.40%

TECHNICAL SKILL SET

Technical Skills   -   Microsoft O365 Products (Word, Excel, Power Point), Git & GitHub, Jupyter Notebook
ML Tools   -   NumPy, Pandas, Scikit-learn, Matplotlib
Languages   -   Python, C (Basics), Java (Basics)
Web Tools   -   HTML, CSS
Strength   -   Quick Learner, Team Collaboration, Problem-Solving
Hobbies   -   Playing Chess & Carrom, Craft Works, Sewing

EXPERIENCE

Data Science Internship at VCodez, Chennai   **Feb – Apr, 2025**

- Performed data preprocessing, visualization, and analysis using Python.
- Applied ML algorithms using Pandas, NumPy, and Scikit-learn.
- Contributed to a research project on **Adversarial Attacks in Speech Recognition**, focusing on model robustness and defense strategies.

ACADEMIC PROJECT

Title: Adversarial Attacks and Defenses in Speech Recognition Systems

- Studied the impact of attacks like **FGSM**, **PGD** on **Wav2Vec2** models using the **Common Voice dataset**.
- Improved robustness with **signal enhancement** and **noise reduction** techniques.
- Evaluated using **accuracy**, **word error rate**, and visual comparisons.

Title: Voice-Controlled Home Automation using ESP32

- Built a smart home system using four ESP32s to process and execute voice commands.
- Converted voice input to text and executed predefined appliance controls via relay modules.
- Routed non-automation commands to online AI services or external APIs for extended functionality.

CO & EXTRA CURRICULAR ACTIVITY

- Participated in **PAPER PRESENTATION** for National Level Symposium at PAAVAI College of Engineering and Technology.
- Attend **AWS Workshop** In Knowledge Institute Of Technology.
- Participated in **Zonal Level Chess Competition** held in Muthayammal Engineering College.

ACHIEVEMENTS

- Won **third place** in inter college Carrom competition.

AREA OF INTEREST

- Data Science and Machine Learning
- Python programming
- Database Management System

PERSONAL DETAILS

Name	-	Haripriya Soundappan
Date of Birth	-	4 Feb 2004
Sex	-	Female
Nationality	-	Indian
Languages Known	-	Tamil, English, Kannada

DECLARATION

- I hereby declare that the above furnished details are true to the best of my knowledge.